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**Articles Cited by Examiner: 0****Patent Number(s):**

JP3049693-A JP2819313-B2

**Title:**

N-acetyl lactosamine prepn. - by reacting beta-galactosidase with compsn. contg. lactose and N-acetyl glucosamine in presence of salting-out agent

**Patent Assignee Name(s) and Code(s):**

YAIKU SUIKAN KAGAKU (YAIK-Non-standard)

**Derwent Primary Accession Number:**

1991-106866 [15]

**Abstract:**

Prepn. comprises reacting beta-galactosidase with substrate compsn. contg. lactose and N-acetyl glucosamine in the presence of salting-out agent.

The galactosidase is obtd. from Kluyveromyces fragilis, K. lactis, Escherichia coli, Aspergillus niger, Lactobacillus bulgaricus, Streptococcus thermophilus, Aspergillus oryzae, Bacillus circulans, etc. The salt-out agent includes ammonium sulphate, sodium sulphate, potassium phosphate, magnesium sulphate, sodium citrate, sodium chloride, etc. The salting-out agent is used in an amt. of 5-30%.

ADVANTAGE - Cpd. can be obtd. in high yield. @(3pp Dwg.No.0/0)

**International Patent Classification:**

C12P-019/26

**Derwent Class:**

D16 (Fermentation industry); E16 (Aliphatics containing N and/or halogen)

**Derwent Manual Code(s):**

D05-C08; E07-A02H

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**Application Details and Date:**

JP3049693-A	JP184919	18 Jul 1989
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**Further Application Details:**

JP2819313-B2 Previous Publ. Patent JP3049693

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JP184919 18 Jul 1989

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**Patent 1 of 1**

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